

# AUTHOR INDEX, VOLUME 158

Adams, Susan B. . . . .	85	Holt, Jeremy P. . . . .	1
Anderson, Charles R., Jr. . . . .	467	Horne, John D. . . . .	424
Appledorn, M. Van . . . . .	329	Hrenko, Rikki L. . . . .	472
Austin, James . . . . .	113	Humphrey, Stephen R. . . . .	403
Awan, Aqil R. . . . .	79	Jannett, Frederick J., Jr. . . . .	168
Bach, C. E. . . . .	329	Jenkins, Jennifer R. . . . .	226
Ballard, Warren B. . . . .	139	Johnson, Loretta C. . . . .	432
Barber-Meyer, Shannon M. . . . .	369	Johnson, Steve A. . . . .	29
Barichivich, William J. . . . .	29	Kamler, Jan F. . . . .	139
Bartuszevige, Anne M. . . . .	472	Keller, Reuben P. . . . .	321
Beck, Christopher W. . . . .	206	Koontz, Jason A. . . . .	279
Bermudez, Alex J. . . . .	177	Krebs, Robert A. . . . .	1
Biggerstaff, Matthew S. . . . .	206	Kurta, Allen . . . . .	467
Blair, John M. . . . .	432	Leopold, Bruce D. . . . .	113
Blejwas, Karen M. . . . .	162	Lesmeister, Damon B. . . . .	123
Broschart, Michael R. . . . .	168	Lindeman, Peter V. . . . .	49
Burger, L. Wes, Jr. . . . .	113	Lodge, David M. . . . .	321
Carroll, John P. . . . .	243	Lyons, Mark S. . . . .	1
Chamberlain, Michael J. . . . .	113	McGuire, Betty . . . . .	461
Commens-Carson, Amy M. . . . .	306	McKenna, K. C. . . . .	16
Cox, Annie N. . . . .	321	Mech, David . . . . .	369
Dauwalter, Daniel C. . . . .	60	Miller, Brian A. . . . .	226
DeLong, Angelique T. . . . .	395	Mills, L. Scott . . . . .	221
Demastes, James W. . . . .	233	Millsbaugh, Joshua J. . . . .	123, 177
Desanty-Combes, Jacqueline . . . . .	123	Minton, Russell L. . . . .	97
Ditgen, Rebecca S. . . . .	403	Molano-Flores, Brenda . . . . .	279
Dodd, C. Kenneth, Jr. . . . .	29	Montague, Warren R. . . . .	123
Doxon, Elizabeth D. . . . .	243	Moorhead, D. L. . . . .	16
Dumyahn, Joseph B. . . . .	382	Morey, Paul S. . . . .	147
Dunning, John B., Jr. . . . .	415	Morgan, Michael D. . . . .	191
Eastman, Jonathan M. . . . .	233	Moosman, Paul R., Jr. . . . .	354
Feist, Mary Ann . . . . .	279	Neale, Jennifer C. C. . . . .	162
Fisher, William L. . . . .	60	Norris, Mark D. . . . .	432
Gao, Xiaoming . . . . .	177	Oli, Madam K. . . . .	461
Gehrt, Stanley . . . . .	147	Perez, Kathryn E. . . . .	97
Gese, Eric M. . . . .	147	Perry, Roger W. . . . .	132, 361
Getz, Lowell L. . . . .	461	Richardson, Jayna L. . . . .	446
Gibbons, J. Whitfield . . . . .	292	Rothlisberger, John D. . . . .	240, 321
Gilbert, Jonathan H. . . . .	382	Rundo, Louie J. . . . .	1
Gilliland, Rick L. . . . .	139	Ryan, Kathleen M. . . . .	49
Gipson, Philip S. . . . .	139	Sacks, Benjamin N. . . . .	162
Gompper, Matthew E. . . . .	123	Schaberl, James P. . . . .	168
Gorchov, David L. . . . .	472	Scheiman, Daniel M. . . . .	415
Green, Michelle L. . . . .	424	Schulz, John H. . . . .	177
Griffin, Suzanne Cox . . . . .	221	Schwartz, Michael K. . . . .	467
Grim, Leland H. . . . .	168	Scull, Peter . . . . .	446
Hackett, H. Mundy . . . . .	123	Shenk, T. M. . . . .	338
Hagg, Wendell R. . . . .	306	Shepherd, John D. . . . .	403
Hanula, James L. . . . .	260	Smith, Geoffrey R. . . . .	79
Hayes, David M. . . . .	97	Spradling, Theresa A. . . . .	233
Herborg, Leif-Matthias . . . . .	321	Staiger, Jennifer S. . . . .	29
Herrick, Bradley M. . . . .	191	Suazo, Alexis A. . . . .	395
Hofmann, Joyce E. . . . .	461		

# AUTHOR INDEX, VOLUME 158

Adams, Susan B. ....	85	Holt, Jeremy P. ....	1
Anderson, Charles R., Jr. ....	467	Horne, John D. ....	424
Appledorn, M. Van ....	329	Hrenko, Rikki L. ....	472
Austin, James ....	113	Humphrey, Stephen R. ....	403
Awan, Aqil R. ....	79	Jannett, Frederick J., Jr. ....	168
Bach, C. E. ....	329	Jenkins, Jennifer R. ....	226
Ballard, Warren B. ....	139	Johnson, Loretta C. ....	432
Barber-Meyer, Shannon M. ....	369	Johnson, Steve A. ....	29
Barichivich, William J. ....	29	Kamler, Jan F. ....	139
Bartuszevige, Anne M. ....	472	Keller, Reuben P. ....	321
Beck, Christopher W. ....	206	Koontz, Jason A. ....	279
Bermudez, Alex J. ....	177	Krebs, Robert A. ....	1
Biggerstaff, Matthew S. ....	206	Kurta, Allen ....	467
Blair, John M. ....	432	Leopold, Bruce D. ....	113
Blejwas, Karen M. ....	162	Lesmeister, Damon B. ....	123
Broschart, Michael R. ....	168	Lindeman, Peter V. ....	49
Burger, L. Wes, Jr. ....	113	Lodge, David M. ....	321
Carroll, John P. ....	243	Lyons, Mark S. ....	1
Chamberlain, Michael J. ....	113	McGuire, Betty ....	461
Commens-Carson, Amy M. ....	306	McKenna, K. C. ....	16
Cox, Annie N. ....	321	Mech, David ....	369
Dauwalter, Daniel C. ....	60	Miller, Brian A. ....	226
DeLong, Angelique T. ....	395	Mills, L. Scott ....	221
Demastes, James W. ....	233	Millsbaugh, Joshua J. ....	123, 177
Desanty-Combes, Jacqueline ....	123	Minton, Russell L. ....	97
Ditgen, Rebecca S. ....	403	Molano-Flores, Brenda ....	279
Dodd, C. Kenneth, Jr. ....	29	Montague, Warren R. ....	123
Doxon, Elizabeth D. ....	243	Moorhead, D. L. ....	16
Dumyahn, Joseph B. ....	382	Morey, Paul S. ....	147
Dunning, John B., Jr. ....	415	Morgan, Michael D. ....	191
Eastman, Jonathan M. ....	233	Moosman, Paul R., Jr. ....	354
Feist, Mary Ann ....	279	Neale, Jennifer C. C. ....	162
Fisher, William L. ....	60	Norris, Mark D. ....	432
Gao, Xiaoming ....	177	Oli, Madam K. ....	461
Gehrt, Stanley ....	147	Perez, Kathryn E. ....	97
Gese, Eric M. ....	147	Perry, Roger W. ....	132, 361
Getz, Lowell L. ....	461	Richardson, Jayna L. ....	446
Gibbons, J. Whitfield ....	292	Rothlisberger, John D. ....	240, 321
Gilbert, Jonathan H. ....	382	Rundo, Louie J. ....	1
Gilliland, Rick L. ....	139	Ryan, Kathleen M. ....	49
Gipson, Philip S. ....	139	Sacks, Benjamin N. ....	162
Gompper, Matthew E. ....	123	Schaberl, James P. ....	168
Gorchov, David L. ....	472	Scheiman, Daniel M. ....	415
Green, Michelle L. ....	424	Schulz, John H. ....	177
Griffin, Suzanne Cox ....	221	Schwartz, Michael K. ....	467
Grim, Leland H. ....	168	Scull, Peter ....	446
Hackett, H. Mundy ....	123	Shenk, T. M. ....	338
Hagg, Wendell R. ....	306	Shepherd, John D. ....	403
Hanula, James L. ....	260	Smith, Geoffrey R. ....	79
Hayes, David M. ....	97	Spradling, Theresa A. ....	233
Herborg, Leif-Matthias ....	321	Staiger, Jennifer S. ....	29
Herrick, Bradley M. ....	191	Suazo, Alexis A. ....	395
Hofmann, Joyce E. ....	461		

Taper, Mark L. ....	221	Wallace, Mark C. ....	139
Thill, Ronald E. ....	132, 361	Warren, Melvin L., Jr. ....	306
Thomas, Howard H. ....	354	White, P. J. ....	369
Todd, Brian D. ....	292	Willson, John D. ....	292
Trainor, A. M. ....	338	Wilson, K. R. ....	338
Tran, S. L. ....	16	Winne, Christopher T. ....	292
Ulyshen, Michael D. ....	260	With, Kimberly A. ....	415
Van Loon, Christine ....	321	Wolf, Amy T. ....	191
Veilleuz, Jacques Pierre ....	354	Zawiski, W. ....	1
		Zollner, Patrick A. ....	382

# SUBJECT INDEX, VOLUME 158

- Agalinis auriculata* . . . . . 279
- Animal Behavior**
- coyote diet in Chicago metropolitan area . . . . . 147
  - coyote flight movements: a field experiment . . . . . 162
  - effects of channel catfish on crayfish . . . . . 85
  - mourning dove lead pellet ingestion experiment . . . . . 177
  - response of Preble's meadow jumping mouse to resource addition . . . . . 338
  - roost characteristics of hoary bats . . . . . 132
  - shoaling behavior in the central mudminnow . . . . . 226
  - summer roosting by adult male Seminole bats . . . . . 361
  - wood frog tadpoles responses to fish . . . . . 79
- Animal Ecology**
- characteristics of conservation reserve fields and gamebirds . . . . . 243
  - effects of channel catfish on crayfish . . . . . 85
  - metapopulation dynamics of bobolinks occupying grasslands . . . . . 415
- Animal Physiology**
- pathogens of Yellowstone elk: implication of effects of wolf sanitation . . . . . 369
- Aquatic Ecology**
- causes of change in fresh water mussels . . . . . 1
  - spawning chronology of smallmouth bass . . . . . 60
- Arkansas, determinates of eastern spotted skunk . . . . . 123
- roost characteristics of hoary bats . . . . . 132
  - summer roosting by bats . . . . . 361
- Conservation Biology**
- characteristics of conservation reserve fields and gamebirds . . . . . 243
  - conservation genetic assessment of blue-spotted salamander in Iowa . . . . . 233
  - habitat selection by native turtles . . . . . 16
  - herpetofaunal drift fence surveys . . . . . 292
- Dreissena polymorpha* . . . . . 329
- Entomology**
- comparison of beetle fauna as a function of altitude . . . . . 260
  - Florida, Gulf Coast herpetofaunal changes . . . . . 29
  - Big Cypress fox squirrel use of golf course . . . . . 403
- Genetics**
- conservation genetic assessment of blue-spotted salamander in Iowa . . . . . 233
  - genetic diversity of threatened *Agalinis auriculata* (foxglove) . . . . . 279
- Graptemys geographica* . . . . . 49
- Herpetology**
- conservation genetic assessment of Blue-spotted salamander in Iowa . . . . . 233
  - Gulf Coast herpetofaunal changes . . . . . 29
  - habitat selection by native turtles . . . . . 16
  - herpetofaunal drift fence surveys . . . . . 292
  - reproductive allometry in common map turtle . . . . . 49
- wood frog tadpoles responses to fish . . . . . 79
- Ichthyology**
- effects of channel catfish on crayfish . . . . . 85
  - life history variation in the Yazoo shiner . . . . . 306
  - shoaling behavior in the central mudminnow . . . . . 226
  - spawning chronology of small mouth bass . . . . . 60
- Ictalurus punctatus* . . . . . 85
- Illinois, genetic diversity of threatened *Agalinis auriculata* (foxglove) . . . . . 279
- Invasive species**
- earthworm use and disposal by anglers . . . . . 321
  - effects of leaf litter on establishment of invasive plant seedlings . . . . . 472
  - effects of zebra mussels on three native molluscs . . . . . 329
  - English ivy removal and seed addition on vegetation . . . . . 206
- Invertebrate Zoology**
- causes of change in fresh water mussels . . . . . 1
  - earthworm use and disposal by anglers . . . . . 321
  - Edwards Plateau endemics or native exotic fresh water snails . . . . . 97
  - effects of channel catfish on crayfish . . . . . 85
  - effects of zebra mussels on three native molluscs . . . . . 329
- Iowa, genetic assessment of blue-spotted salamander . . . . . 233
- Kansas, characteristics of conservation reserve fields and gamebirds . . . . . 243
- Landscape Ecology**
- effects of landscape composition on area use by raccoons . . . . . 113
- Marmota olympus* . . . . . 221
- Mammalogy**
- Big Cypress fox squirrel diet, activity and habitat and use of golf course . . . . . 403
  - characteristics of American marten winter home-range . . . . . 382
  - coyote diet in Chicago metropolitan area . . . . . 147
  - coyote flight movements: a field experiment . . . . . 162
  - detection rates of eastern spotted skunks . . . . . 123
  - dietary overlap of swift foxes and coyotes . . . . . 139
  - effects of landscape composition on area use by raccoons . . . . . 113
  - existence of cougars in Michigan . . . . . 467
  - female olympic marmots reproduction . . . . . 221
  - food habits of eastern small-footed bats . . . . . 354
  - mammalian range extension . . . . . 168
  - pathogens of Yellowstone elk: implication of effects of wolf sanitation . . . . . 369
  - response of Preble's meadow jumping mouse to resource addition . . . . . 338
  - responses of old-field mice to consecutive live trapping . . . . . 395
  - roost characteristics of hoary bats . . . . . 132
  - summer roosting by adult male Seminole bats . . . . . 361

<i>Martes Americana</i> .....	382
Michigan, existence of cougars .....	467
Minnesota, mammalian range extension .....	168
Mississippi, life history of shiner .....	306
Missouri, detection rates of eastern spotted skunks .....	123
<i>Myotis leibii</i> .....	354
New Hampshire, food habits of eastern small-footed bats .....	354
<i>Notropis rafinesquei</i> .....	306
Ohio, causes of change in fresh water mussels .....	1

### Ornithology

characteristics of conservation reserve fields and gamebirds .....	243
metapopulation dynamics of bobolinks occupying grasslands .....	415
mourning dove lead pellet ingestion experiment .....	177
<i>Peromyscus polionotus</i> .....	395

### Plant Ecology

English ivy removal and seed addition on vegetation .....	206
genetic diversity of threatened ear-leaved-foxglove .....	279
method to use ranked timber observations .....	446
seed banks in diked and undiked wetlands .....	191

### Plant Physiology

relationship between prey capture and characteristics of pitcher plants .....	424
---	-----

### Plant Population Ecology

altered ecosystem nitrogen dynamics of tallgrass prairie .....	432
metapopulation dynamics of bobolinks occupying grasslands .....	415

### Population Ecology

characteristics of American marten winter home-range .....	382
--	-----

Edwards Plateau endemics or native exotic fresh water snails .....	97
mammalian range extension .....	168
vole population dynamics influence of weather extremes .....	461
wood frog tadpoles responses to fish effects group size .....	79
<i>Procyon lotor</i> .....	113
<i>Sarracenia alata</i> Wood .....	424
<i>Sciurus niger avicennia</i> .....	403
<i>Spilogale putorius</i> .....	123

### Taxonomy

Edwards Plateau endemics or native exotic fresh water snails .....	97
Texas, multiple endemics or natural exotics .....	97
dietary overlap of swift foxes and coyotes .....	139

### Threatened and Endangered Species

genetic diversity of threatened <i>Agalinis auricular</i> (foxglove) .....	279
<i>Umbra limi</i> .....	226
Wisconsin, characteristics of American marten .....	382
<i>Zapus hudsonius preblei</i> .....	338
<i>Zenaidra macroura</i> .....	177

### Book Reviews

Aldo Leopold's <i>Odyssey</i> .....	240
-------------------------------------	-----

### Notes and Discussion

conservation genetic assessment of blue-spotted salamander in Iowa .....	233
effects of leaf litter on establishment of invasive plant seedlings .....	472
existence of cougars in Michigan .....	467
female olympic marmots reproduction .....	221
shoaling behavior in the central mudminnow .....	226
vole population dynamics influence of weather extremes .....	461

THE

PROGRESS

OF

THE

ARTS

AND

MANUFACTURES

IN

THE

UNITED

STATES

OF

AMERICA

FROM

1790

TO

1860

BY

JOHN

W. FOSTER

OF

THE

AMERICAN

ANTI-SLAVERY

SOCIETY

NEW

YORK

1860

# THE AMERICAN MIDLAND NATURALIST

Founded by J. A. Nieuwland, C.S.C.

Editor

William E. Evans

Stephen P. Vives, Statesboro, Georgia . . . . .	Ichthyology
Harald E. Esch, Notre Dame, Indiana . . . . .	Animal Behavior
Derek Zelmer, Emporia, Kansas . . . . .	Parasitology
Carl von Ende, Dekalb, Illinois . . . . .	Biological Statistics
John Peles, McKeesport, Pennsylvania . . . . .	Mammalogy
Leslie Carraway, Corvallis, Oregon . . . . .	Mammalogy
Rebecca Dolan, Indianapolis, Indiana . . . . .	Plant Systematics
Scott C. Barras, Mississippi State, Mississippi . . . . .	Ornithology
Michael Chamberlain, Baton Rouge, Louisiana . . . . .	Ornithology
Ian Thompson, Ontario, Canada . . . . .	Animal Ecology
Roger del Moral, Seattle, Washington . . . . .	Plant Population Ecology
Sunny Boyd, Notre Dame, Indiana . . . . .	Herpetology
Robert Aldridge, St. Louis, Missouri . . . . .	
Michael C. Miller, Cincinnati, Ohio . . . . .	Aquatic Ecology
Fran Gelwick, College Station, Texas . . . . .	
Caryn Vaughn, Norman, Oklahoma . . . . .	Invertebrate Zoology
David J. Berg, Hamilton, Ohio . . . . .	Invertebrate Zoology
Robert S. Boyd, Auburn, Alabama . . . . .	Entomology
Cynthia Galloway, Kingsville, Texas . . . . .	Plant Physiology
Paul Zedler, Madison, Wisconsin . . . . .	Vegetation Ecology
Scott Franklin, Memphis, Tennessee . . . . .	Vegetation Ecology
Wyndlyn von Zhaven, Houston, Texas . . . . .	Conservation
James Shaw, Stillwater, Oklahoma . . . . .	Mammology

Vol. 158, 2007

Dates of Publication

No. 1	July 20	2007
No. 2	October 26	2007

PUBLISHED BY THE UNIVERSITY OF NOTRE DAME

NOTRE DAME, INDIANA

# CONTENTS

No. 1, July 2007

Assessing Causes of Change in the Freshwater Mussels (Bivalvia: Unionidae) in the Black River, Ohio . . . . Mark S. Lyons, Robert A. Krebs, Jeremy P. Holt, Louie J. Rundo and W. Zawiski	1
Habitat Selection by Native Turtles in a Lake Erie Wetland, USA . . . . .S. L. Tran, D. L. Moorhead and K. C. McKenna	16
Changes in a Northwestern Florida Gulf Coast Herpetofaunal Community Over a 28-y Period . . . . C. Kenneth Dodd, Jr., William J. Barichovich, Steve A. Johnson and Jennifer S. Staiger	29
Reproductive Allometry in the Common Map Turtle, <i>Graptemys geographica</i> . . . . . Kathleen M. Ryan and Peter V. Lindeman	49
Spawning Chronology, Nest Site Selection and Nest Success of Smallmouth Bass During Benign Streamflow Conditions . . . . .Daniel C. Dauwalter and William L. Fisher	60
The Effect of Group Size on the Responses of Wood Frog Tadpoles to Fish. . . . . Aqil R. Awan and Geoffrey R. Smith	79
Direct and Indirect Effects of Channel Catfish ( <i>Ictalurus punctatus</i> ) on Native Crayfishes (Cambaridae) in Experimental Tanks . . . . .Susan B. Adams	85
<i>Elimia comalensis</i> (Gastropoda: Pleuroceridae) from the Edwards Plateau, Texas: Multiple Unrecognized Endemics or Native Exotic? . . . . .David M. Hayes, Russell L. Minton and Kathryn E. Perez	97
Effects of Landscape Composition and Structure on Core Use Areas of Raccoons ( <i>Procyon lotor</i> ) in a Prairie Landscape . . . . .Michael J. Chamberlain, James Austin, Bruce D. Leopold and L. Wes Burger, Jr.	113
Detection Rates of Eastern Spotted Skunks ( <i>Spilogale putorius</i> ) in Missouri and Arkansas Using Live-capture and Non-invasive Techniques. . . . .H. Mundy Hackett, Damon B. Lesmeister, Jacqueline Desanty-Combes, Warren G. Montague, Joshua J. Millspaugh and Matthew E. Gompper	123
Roost Characteristics of Hoary Bats in Arkansas . . . . .Roger W. Perry and Ronald E. Thill	132
Dietary Overlap of Swift Foxes and Coyotes in Northwestern Texas . . . . .Jan F. Kamler, Warren B. Ballard, Mark C. Wallace, Rick L. Gilliland and Philip S. Gipson	139
Spatial and Temporal Variation in the Diet of Coyotes in the Chicago Metropolitan Area. . . . .Paul S. Morey, Eric M. Gese and Stanley Gehrt	147
Coyote Flight Movements Relative to Territory Boundaries: An Experiment in the Field. . . . .Jennifer C. C. Neale, Benjamin N. Sacks and Karen M. Blejwas	162
Northerly Range Extensions of Mammalian Species in Minnesota . . . . .Frederick J. Jannett, Jr., Michael R. Broschart, Leland H. Grim and James P. Schaberl	168
Experimental Lead Pellet Ingestion in Mourning Doves ( <i>Zenaidura macroura</i> ) . . . . .John H. Schulz, Xiaoming Gao, Joshua J. Millspaugh and Alex J. Bermudez	177
Seed Banks in Diked and Undiked Great Lakes Coastal Wetlands. . . . .Bradley M. Herrick, Michael D. Morgan and Amy T. Wolf	191
Effects of Method of English Ivy Removal and Seed Addition on Regeneration of Vegetation in a Southeastern Piedmont Forest. . . . .Matthew S. Biggerstaff and Christopher W. Beck	206
<b>Notes and Discussion</b>	
Female Olympic Marmots ( <i>Marmota olympus</i> ) Reproduce in Consecutive Years . . . . .Suzanne Cox Griffin, Mark L. Taper and L. Scott Mills	221
Shoaling Behavior in the Central Mudminnow ( <i>Umbra limi</i> ) . . . . .Jennifer R. Jenkins and Brian A. Miller	226
Conservation Genetic Assessment of the Blue-spotted Salamander in Iowa . . . . .Jonathan M. Eastman, Theresa A. Spradling and James W. Demastes	233
<b>Book Review</b>	
Aldo Leopold's <i>Odyssey</i> , Newton, Julia L., Island Press, 2006, Washington, Covelo, London . . . . .John D. Rothlisberger	240



# CONTENTS

No. 2, October 2007

Vegetative and Invertebrate Community Characteristics of Conservation Reserve Program Fields Relative to Gamebirds in Western Kansas . . . . .	Elizabeth D. Daxon and John P. Carroll	243
A Comparison of the Beetle (Coleoptera) Fauna Captured at Two Heights Above the Ground in a North American Temperate Deciduous Forest . . . . .	Michael D. Ulyshen and James L. Hanula	260
Genetic Diversity of the Illinois-threatened <i>Agalinis auriculata</i> (Orobanchaceae) and Two Common Congeners . . . . .	Brenda Molano-Flores, Jason A. Koontz and Mary Ann Feist	279
Getting the Drift: Examining the Effects of Timing, Trap Type and Taxon on Herpetofaunal Drift Fence Surveys . . . . .	Brian D. Todd, Christopher T. Winne, John D. Willson and J. Whitfield Gibbons	292
Life History Variation in the Yazoo Shiner ( <i>Notropis rafinesquei</i> ) in Three Mississippi Streams . . . . .	Wendell R. Haag, Amy M. Commens-Carson and Melvin L. Warren, Jr.	306
From Bait Shops to the Forest Floor: Earthworm Use and Disposal by Anglers . . . . .	Reuben P. Keller, Annie N. Cox, Christine Van Loon, David M. Lodge, Leif-Matthias Herborg and John Rothlisberger	321
Effects of Zebra Mussels ( <i>Dreissena polymorpha</i> ) on Mobility of Three Native Mollusk Species . . . . .	M. Van Appledorn and C. E. Bach	329
Response of Preble's Meadow Jumping Mouse ( <i>Zapus hudsonius preblei</i> ) to Resource Supplementation . . . . .	A. M. Trainor, K. R. Wilson and T. M. Shenk	338
Food Habits of Eastern Small-footed Bats ( <i>Myotis leibii</i> ) in New Hampshire . . . . .	Paul R. Moosman, Jr., Howard H. Thomas and Jacques Pierre Veilleux	354
Summer Roosting by Adult Male Seminole Bats in the Ouachita Mountains, Arkansas . . . . .	Roger W. Perry and Ronald E. Thill	361
Survey of Selected Pathogens and Blood Parameters of Northern Yellowstone Elk: Wolf Sanitation Effect Implications . . . . .	Shannon M. Barber-Meyer, P. J. White and L. David Mech	369
Winter Home-range Characteristics of American Marten ( <i>Martes americana</i> ) in Northern Wisconsin . . . . .	Joseph B. Dumyahn, Patrick A. Zollner and Jonathan H. Gilbert	382
Responses of Old-field Mice ( <i>Peromyscus polionotus</i> ) to Consecutive Days of Live Trapping . . . . .	Alexis A. Suazo and Angelique T. Delong	395
Big Cypress Fox Squirrel ( <i>Sciurus niger avicennia</i> ) Diet, Activity and Habitat Use on a Golf Course in Southwest Florida . . . . .	Rebecca S. Ditgen, John D. Shepherd and Stephen R. Humphrey	403
Metapopulation Dynamics of Bobolinks Occupying Agricultural Grasslands in the Midwestern United States . . . . .	Daniel M. Scheiman, John B. Dunning, Jr. and Kimberly A. With	415
The Relationship Between Prey Capture and Characteristics of the Carnivorous Pitcher Plant, <i>Sarracenia alata</i> Wood . . . . .	Michelle L. Green and John D. Horner	424
Altered Ecosystem Nitrogen Dynamics as a Consequence of Land Cover Change in Tallgrass Prairie . . . . .	Mark D. Norris, John M. Blair and Loretta C. Johnson	432
A Method to Use Ranked Timber Observations to Perform Forest Composition Reconstructions from Land Survey Data . . . . .	Peter Scull and Jayna L. Richardson	446
<b>Notes and Discussion</b>		
Vole Population Dynamics: Influence of Weather Extremes on Stoppage of Population Growth . . . . .	Lowell L. Getz, Joyce E. Hofmann, Madam K. Oli and Betty McGuire	461
Does a Population of Cougars Exist in Michigan? . . . . .	Allen Kurta, Michael K. Schwartz and Charles R. Anderson, Jr.	467
Effects of Leaf Litter on Establishment, Growth and Survival of Invasive Plant Seedlings in a Deciduous Forest . . . . .	Anne M. Bartuszevige, Rikki L. Hrenko and David L. Gorchov	472
Author Index, Volume 158 . . . . .		478
Subject Index, Volume 158 . . . . .		480
Contents, Volume 158 . . . . .		484